

# INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.  
13724-731 (ZOMD1039)APPLICATION NO.  
08/515,379APPLICANT  
Gough, et al.FILING DATE  
August 15, 1995GROUP  
3311

## U.S. PATENT DOCUMENTS

| EXAMINER'S<br>INITIALS | PATENT NO. | DATE     | NAME          | CLASS          | SUBCLASS          | FILING<br>DATE |
|------------------------|------------|----------|---------------|----------------|-------------------|----------------|
| <i>NP</i>              | Re. 32,057 | 12/31/85 | LEVEEN        | <del>128</del> | <del>804</del>    | 06/30/82       |
|                        | Re. 32,066 | 01/21/86 | LEVEEN        | <del>128</del> | <del>804</del>    | 06/30/82       |
|                        | 3,991,770  | 11/16/76 | LEVEEN        | <del>128</del> | <del>413</del>    | 12/23/75       |
|                        | 4,016,886  | 04/12/77 | DOSS          | <del>128</del> | <del>422</del>    | 11/26/74       |
|                        | 4,043,342  | 08/23/77 | MORRISON, JR. | <del>128</del> | <del>303.14</del> | 02/26/76       |
|                        | 4,080,959  | 03/28/78 | LEVEEN        | <del>128</del> | <del>2</del>      | 06/18/76       |
|                        | 4,095,602  | 06/20/78 | LEVEEN        | <del>128</del> | <del>413</del>    | 09/27/76       |
|                        | 4,119,102  | 10/10/78 | LEVEEN        | <del>128</del> | <del>413</del>    | 11/11/76       |
|                        | 4,154,246  | 05/15/79 | LEVEEN        | <del>128</del> | <del>784</del>    | 07/25/77       |
|                        | 4,230,129  | 10/28/80 | LEVEEN        | <del>128</del> | <del>804</del>    | 04/22/76       |
|                        | 4,285,346  | 08/25/81 | ARMITAGE      | <del>128</del> | <del>422</del>    | 03/14/79       |
|                        | 4,303,636  | 12/01/81 | GORDON        | <del>424</del> | <del>1</del>      | 05/12/78       |
|                        | 4,565,200  | 01/21/86 | COSMAN        | <del>128</del> | <del>642</del>    | 05/04/82       |
|                        | 4,574,782  | 03/11/86 | BORRELLI      | <del>128</del> | <del>1.3</del>    | 11/21/83       |
|                        | 4,586,490  | 05/06/86 | KATZ          | <del>128</del> | <del>1.1</del>    | 02/27/84       |
|                        | 4,763,671  | 08/16/88 | GOFFINET      | <del>128</del> | <del>786</del>    | 04/25/86       |
|                        | 4,800,899  | 01/31/89 | ELLIOTT       | <del>128</del> | <del>804</del>    | 10/29/86       |
|                        | 4,813,429  | 03/21/89 | ESHEL         | <del>128</del> | <del>736</del>    | 05/05/87       |
| <i>NP</i>              | 4,823,791  | 04/25/89 | D'AMELIO      | <del>123</del> | <del>303.14</del> | 05/08/87       |
| <i>NP</i>              | 4,860,744  | 08/29/89 | JOHNSON       | <del>128</del> | <del>303.1</del>  | 11/02/87       |

## FOREIGN PATENT DOCUMENTS

| EXAMINER'S<br>INITIALS | PATENT NO.  | DATE     | COUNTRY | CLASS | SUBCLASS | Translation |    |
|------------------------|-------------|----------|---------|-------|----------|-------------|----|
|                        |             |          |         |       |          | Yes         | No |
| <i>NP</i>              | WO 96/29946 | 10/03/96 | LEVEEN  |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|          |                   |                 |               |
|----------|-------------------|-----------------|---------------|
| EXAMINER | <i>M. Peffley</i> | DATE CONSIDERED | <i>2/5/97</i> |
|----------|-------------------|-----------------|---------------|

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|------------------------|------------------|----------|-----------------|----------------|----------------|----------------|
| <i>MP</i>              | 4,920,978        | 05/01/90 | COLVIN          | <del>128</del> | <del>784</del> | 08/31/88       |
|                        | 4,931,047        | 06/05/90 | BROADWIN        | <del>604</del> | <del>22</del>  | 09/30/87       |
|                        | 4,945,912        | 08/07/90 | LANGBERG        | <del>128</del> | <del>642</del> | 11/25/88       |
|                        | 4,947,842        | 08/14/90 | MARCHOSKY       | <del>128</del> | <del>401</del> | 02/13/89       |
|                        | 4,976,680        | 12/11/90 | HAYMAN          | <del>600</del> | <del>7</del>   | 10/07/88       |
|                        | 4,976,711        | 12/11/90 | PARINS          | <del>600</del> | <del>48</del>  | 04/13/89       |
|                        | 4,983,159        | 01/08/91 | RAND            | <del>600</del> | <del>9</del>   | 09/17/86       |
|                        | 5,007,908        | 04/16/91 | RYDELL          | <del>606</del> | <del>47</del>  | 09/29/89       |
|                        | 5,009,656        | 04/23/91 | REIMELS         | <del>606</del> | <del>48</del>  | 08/17/89       |
|                        | 5,010,897        | 04/30/91 | LEVEEN          | <del>128</del> | <del>804</del> | 04/26/89       |
|                        | 5,047,027        | 09/10/91 | RYDELL          | <del>606</del> | <del>48</del>  | 04/20/90       |
|                        | 5,057,107        | 10/15/91 | PARINS          | <del>606</del> | <del>48</del>  | 02/19/91       |
|                        | 5,067,952        | 11/26/91 | GUDOV           | <del>606</del> | <del>28</del>  | 04/02/90       |
|                        | 5,071,419        | 12/10/91 | RYDELL          | <del>606</del> | <del>48</del>  | 04/30/90       |
|                        | 5,078,717        | 01/07/92 | PARINS          | <del>606</del> | <del>48</del>  | 09/10/90       |
|                        | 5,085,659        | 02/04/92 | RYDELL          | <del>606</del> | <del>47</del>  | 11/21/90       |
|                        | 5,099,756        | 03/31/92 | FRANCONI        | <del>600</del> | <del>10</del>  | 06/01/89       |
|                        | 5,100,423        | 03/31/92 | FEARNOT         | <del>606</del> | <del>159</del> | 08/21/90       |
|                        | 5,122,137        | 06/16/92 | LENNOX          | <del>606</del> | <del>40</del>  | 04/27/90       |
|                        | 5,125,928        | 06/30/92 | PARINS          | <del>606</del> | <del>48</del>  | 02/19/91       |
|                        | 5,190,541        | 03/02/93 | ABELE           | <del>606</del> | <del>46</del>  | 10/17/90       |
| <i>A</i>               | 5,197,466        | 03/30/93 | MARCHOSKY       | <del>128</del> | <del>399</del> | 01/07/92       |
| <i>MP</i>              | 5,197,963        | 03/30/93 | PARINS          | <del>606</del> | <del>46</del>  | 12/02/91       |
| EXAMINER               | <i>M. Peffly</i> |          | DATE CONSIDERED | <i>2/5/97</i>  |                |                |

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|------------------------|-------------------|--------------------|-----------------|----------------|----------------|----------------|
| <i>MP</i>              | 5,197,964         | 3/30/93            | PARINS          | <del>606</del> | <del>48</del>  | 11/12/91       |
| <i>f</i>               | 5,203,782         | 04/20/93           | GUDOV           | <del>606</del> | <del>34</del>  | 03/26/91       |
| <i>f</i>               | 5,217,458         | 06/08/93           | PARINS          | <del>606</del> | <del>48</del>  | 04/09/92       |
| <i>f</i>               | 5,236,410         | 08/17/93           | GRANOV          | <del>600</del> | <del>12</del>  | 03/11/91       |
| <i>f</i>               | 5,246,438         | 09/21/93           | LANGBERG        | <del>606</del> | <del>33</del>  | 01/09/92       |
| <i>f</i>               | 5,257,451         | 11/02/93           | EDWARDS         | <del>29</del>  | <del>825</del> | 11/08/91       |
| <i>f</i>               | 5,273,535         | 12/28/93           | EDWARDS         | <del>604</del> | <del>95</del>  | 11/08/91       |
| <i>f</i>               | 5,275,162         | 01/04/94 <i>24</i> | EDWARDS         | <del>128</del> | <del>642</del> | 11/25/92       |
| <i>f</i>               | 5,277,696         | 01/11/94           | HAGEN           | <del>606</del> | <del>49</del>  | 10/13/92       |
| <i>f</i>               | 5,281,218         | 01/25/94           | EDWARDS         | <del>606</del> | <del>41</del>  | 04/13/92       |
| <i>f</i>               | 5,281,218         | 01/25/94 <i>24</i> | IMRAN           | <del>606</del> | <del>41</del>  | 06/05/92       |
| <i>f</i>               | 5,290,286         | 03/01/94           | PARINS          | <del>606</del> | <del>50</del>  | 12/09/92       |
| <i>f</i>               | 5,293,869         | 03/15/94           | EDWARDS         | <del>128</del> | <del>642</del> | 09/25/92       |
| <i>f</i>               | 5,295,955         | 03/22/94           | ROSEN           | <del>604</del> | <del>22</del>  | 02/14/92       |
| <i>f</i>               | 5,309,910         | 05/10/94           | EDWARDS         | <del>128</del> | <del>642</del> | 09/25/92       |
| <i>f</i>               | 5,313,943         | 05/24/94           | HOUSER          | <del>128</del> | <del>642</del> | 09/25/92       |
| <i>f</i>               | 5,314,466         | 05/24/94           | STERN           | <del>607</del> | <del>156</del> | 04/13/92       |
| <i>f</i>               | 5,328,467         | 07/12/94           | EDWARDS         | <del>604</del> | <del>95</del>  | 11/08/91       |
| <i>f</i>               | 5,363,861         | 11/15/94           | EDWARDS         | <del>128</del> | <del>772</del> | 11/08/91       |
| <i>f</i>               | 5,366,490         | 11/22/94           | EDWARDS         | <del>607</del> | <del>95</del>  | 12/22/93       |
| <i>f</i>               | 5,368,592         | 11/29/94           | STERN           | <del>606</del> | <del>33</del>  | 09/23/93       |
| <i>f</i>               | 5,370,675         | 12/06/94           | EDWARDS         | <del>607</del> | <del>101</del> | 02/02/93       |
| <i>MP</i>              | 5,370,678         | 12/06/94           | EDWARDS         | <del>607</del> | <del>101</del> | 12/07/93       |
| EXAMINER               | <i>M. Peffley</i> |                    | DATE CONSIDERED | <i>2/5/97</i>  |                |                |

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| MP                     | 5,383,917  | 01/24/95 | DESAI           | <del>607</del> | <del>702</del> | 07/05/91       |
|                        | 5,385,544  | 01/31/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 05/14/93       |
|                        | 5,398,683  | 03/21/95 | EDWARDS         | <del>128</del> | <del>642</del> | 07/16/93       |
|                        | 5,409,453  | 04/25/95 | LUNDQUIST       | <del>604</del> | <del>22</del>  | 08/19/93       |
|                        | 5,421,819  | 06/06/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 05/13/93       |
|                        | 5,423,808  | 06/13/95 | EDWARDS         | <del>606</del> | <del>34</del>  | 11/29/93       |
|                        | 5,433,708  | 07/18/95 | NICHOLS         | <del>604</del> | <del>143</del> | 06/07/93       |
|                        | 5,435,805  | 07/25/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 05/13/93       |
|                        | 5,456,682  | 10/10/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 05/09/94       |
|                        | 5,456,682  | 10/10/95 | EDWARDS         | <del>606</del> | <del>31</del>  | 02/02/94       |
|                        | 5,458,596  | 10/17/95 | LAX             | <del>606</del> | <del>31</del>  | 05/06/94       |
|                        | 5,458,597  | 10/17/95 | EDWARDS         | <del>606</del> | <del>41</del>  | 11/08/93       |
|                        | 5,470,308  | 11/28/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 11/19/93       |
|                        | 5,470,309  | 11/28/95 | EDWARDS         | <del>604</del> | <del>22</del>  | 01/12/94       |
|                        | 5,471,982  | 12/05/95 | EDWARDS         | <del>128</del> | <del>642</del> | 09/29/92       |
|                        | 5,472,441  | 12/05/95 | EDWARDS         | <del>606</del> | <del>41</del>  | 03/11/94       |
|                        | 5,484,400  | 01/15/96 | EDWARDS         | <del>604</del> | <del>22</del>  | 03/23/94       |
|                        | 5,486,161  | 01/23/96 | LAX             | <del>604</del> | <del>22</del>  | 11/08/93       |
|                        | 5,505,730  | 04/09/96 | EDWARDS         | <del>606</del> | <del>41</del>  | 06/24/94       |
|                        | 5,507,743  | 04/09/96 | EDWARDS         | <del>606</del> | <del>41</del>  | 08/16/94       |
|                        | 5,509,419  | 04/23/96 | EDWARDS         | <del>128</del> | <del>642</del> | 12/16/93       |
|                        | 5,514,130  | 05/07/96 | BAKER           | <del>606</del> | <del>41</del>  | 10/11/94       |
|                        | 5,514,131  | 05/07/96 | EDWARDS         | <del>606</del> | <del>45</del>  | 09/23/94       |
| MP                     | 5,531,676  | 07/02/96 | EDWARDS         | <del>604</del> | <del>22</del>  | 09/27/94       |
| EXAMINER               | M. Peffly  |          | DATE CONSIDERED |                | 2/5/97         |                |

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